



2811  
\$

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/651,620
Filing Date	August 30, 2000
First Named Inventor	Eugene P. Marsh
Group Art Unit	2811
Examiner Name	H. Vu
Attorney Docket Number	2269-4218US (99-0796.00/US)

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Postcard receipt acknowledgment (attached to the front of this transmittal)	<input type="checkbox"/> Information Disclosure Statement, PTO/SB/08A (08-00); <input type="checkbox"/> copy of cited references	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16	<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. 4904 in the amount of \$180.00	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Associate Power of Attorney	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Response to Restriction Requirement/Election of Species Requirement dated	<input type="checkbox"/> Petition for Extension of Time and Check No. in the amount of \$	
<input checked="" type="checkbox"/> Amendment in response to office action dated June 4, 2003	<input type="checkbox"/> Petition	
<input type="checkbox"/> Amendment under 37 C.F.R. § 1.116 in response to final office action dated	<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Additional claims fee - Check No. in the amount of \$	<input type="checkbox"/> Certified Copy of Priority Document(s)	
<input type="checkbox"/> Letter to Chief Draftsman and copy of FIGS. with changes made in red	<input type="checkbox"/> Assignment Papers (for an Application)	
<input type="checkbox"/> Transmittal of Formal Drawings	Remarks	
<input type="checkbox"/> Formal Drawings ( sheets)	The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.	

RECEIVED  
SEP 11 2003  
TECHNOLOGY CENTER 280C

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

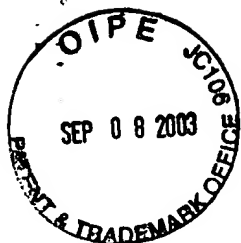
Firm or Individual name	Edgar R. Cataxinos	Registration No. 39,931
Signature		
Date	September 3, 2003	

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Doreen Neumann		
Signature		Date	September 3, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND THIS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



5PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Eugene P. Marsh

Serial No.: 09/651,620

Filed: August 30, 2000

**For: PROCESS FOR THE FORMATION  
OF RuSixOy-CONTAINING BARRIER  
LAYERS FOR HIGH-k DIELECTRICS**

Confirmation No.: 1130

Examiner: H. Vu

Group Art Unit: 2811

Attorney Docket No.: 2269-4218US  
(99-0796.00/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 3, 2003  
Date

*Doreen Neumann*  
Signature

Doreen Neumann  
Name (Type/Print)

AMENDMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed June 4, 2003, Applicant amends the application as follows:

**Presentation of Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

19/c Andl  
9.16.03  
A.Well

RECEIVED  
SEP 11 2003  
TECHNOLOGY CENTER 280C